

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	10/676,418
				Filing Date	September 30, 2003
				First Named Inventor	Phillips, Bruce A.
				Art Unit	2617
				Examiner Name	Ferguson, Keith
Sheet	1	of	8	Attorney Docket Number	020366-091000US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KF	A1	US-4,775,997	10-04-1988	West, Jr. et al.	
	A2	US-4,959,719	9-25-1990	Strubbe et al.	
	A3	US-4,989,230	01-29-1991	Gillig et al.	
	A4	US-5,202,765	04-13-1993	Lineberry	
	A5	US-5,361,098	11-1-1994	Lucas, Keith	
	A6	US-5,398,074	3-14-1995	Duffield et al.	
	A7	US-5,418,559	5-23-1995	Blahut, Donald E.	
	A8	US-5,463,422	10-31-1995	Simpson et al.	
	A9	US-5,485,221	1-16-1996	Banker et al.	
	A10	US-5,488,412	1-30-1996	Majeti et al.	
	A11	US-5,526,403	6-11-1996	Tam	
	A12	US-5,559,549	9-24-1996	Hendricks et al.	
	A13	US-5,585,837	12-17-1996	Nixon, Dale B.	
	A14	US-5,602,598	2-11-1997	Shintani, Peter	
	A15	US-5,621,482	4-15-1997	Gardner et al.	
	A16	US-5,621,787	4-15-1997	McKoy et al.	
	A17	US-5,633,683	5-27-1997	Rosengren et al.	
	A18	US-5,635,980	6-3-1997	Lin et al.	
	A19	US-5,638,112	6-10-1997	Bestler et al.	
	A20	US-5,657,076	8-12-1997	Tapp, Hollis M.	
	A21	US-5,671,019	9-23-1997	Isoe et al.	
	A22	US-5,689,705	11-18-1997	Fino et al.	
	A23	US-5,691,777	11-25-1997	Kasstly, Lord Samuel Anthony	
	A24	US-5,717,748	2-10-1998	Sneed, Jr. et al.	
	A25	US-5,740,075	4-14-1998	Bigham et al.	
	A26	US-5,748,255	5-5-1998	Johnson et al.	
	A27	US-5,760,842	6-2-1998	Song, Kwon-eui	
	A28	US-5,771,465	6-23-1998	Bojeryd	
	A29	US-5,774,172	6-30-1998	Kapell et al.	
✓	A30	US-5,781,620	7-14-1998	Montgomery et al.	
	A31	US-5,784,683	7-21-1998	Sistanizadeh et al.	
KF	A32	US-5,790,201	8-4-1998	Antos, Jeffrey David	

Examiner Signature	/Keith Ferguson/	Date Considered	10/11/2006
-----------------------	------------------	--------------------	------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	10/676,418
				Filing Date	September 30, 2003
				First Named Inventor	Phillips, Bruce A.
				Art Unit	2617
				Examiner Name	Ferguson, Keith
Sheet	2	of	8	Attorney Docket Number	020366-091000US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
KP	A33	US-5,815,216	9-29-1998	Suh, Moon-hwan	
	A34	US-5,831,591	11-3-1998	Suh, Moon-hwan	
	A35	US-5,844,552	12-1-1998	Gaughan et al.	
	A36	US-5,883,948	3-16-1999	Dunn	
	A37	US-5,894,320	4-13-1999	Vancelette, Paul D.	
	A38	US-5,900,867	5-4-1999	Schindler et al.	
	A39	US-5,900,916	5-4-1999	Pauley, Nicholas J.	
	A40	US-5,910,981	6-8-1999	Bhagat et al.	
	A41	US-5,923,379	7-13-1999	Patterson	
	A42	US-5,969,769	10-19-1999	Hamadate, Shunichi	
	A43	US-5,971,921	10-26-1999	Timbel	
	A44	US-5,977,963	11-2-1999	Gaughan et al.	
	A45	US-5,983,068	11-9-1999	Tomich et al.	
	A46	US-6,012,100	1-4-2000	Frailong et al.	
	A47	US-6,061,719	5-9-2000	Bendinelli et al.	
	A48	US-6,073,140	6-6-2000	Morgan et al.	
	A49	US-6,073,171	6-6-2000	Gaughan et al.	
	A50	US-6,097,383	8-1-2000	Gaughan et al.	
	A51	US-6,134,320	10-17-2000	Swan et al.	
	A52	US-6,201,538	3-13-2001	Wugofski, Theodore D.	
	A53	US-6,202,212	3-13-2001	Sturgeon et al.	
	A54	US-6,209,025 B1	3-27-2001	Bellamy	
	A55	US-6,256,624 B1	7-3-2001	Pollard et al.	
	A56	US-6,256,785	7-3-2001	Klappert et al	
	A57	US-6,259,440	7-10-2001	Vaughan et al.	
	A58	US-6,282,189 B1	8-28-2001	Eames	
	A59	US-2001-0021997	9-13-2001	Lee, Jong Jin	
	A60	US-2001-0024239	9-27-2001	Feder et al.	
	A61	US-6,313,851	11-6-2001	Matthews et al.	
↓	A62	US-6,317,164	11-13-2001	Hrusecky et al.	
	A63	US-2001-0048481	12-6-2001	Hatano et al.	
KP	A64	US-6,326,982	12-4-2001	Wu et al.	

Examiner Signature	/Keith Ferguson/	Date Considered	10/11/2006
-----------------------	------------------	--------------------	------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	10/676,418
				Filing Date	September 30, 2003
				First Named Inventor	Phillips, Bruce A.
				Art Unit	2617
				Examiner Name	Ferguson, Keith
Sheet	3	of	8	Attorney Docket Number	020366-091000US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cita No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
KF	A65	US-6,330,285	12-11-2001	Crosby et al.	
	A66	US-6,331,852	12-18-2001	Gould et al.	
	A67	US-6,337,717	1-8-2002	Nason et al.	
	A68	US-2002-0026642 A1	2-28-2002	Augenbraun et al.	
	A69	US-6,357,045	3-12-2002	Devaney, Patric W.	
	A70	US-6,359,973 B1	3-19-2002	Rahamim et al.	
	A71	US-2002-0037004 A1	3-28-2002	Bossemeyer et al.	
	A72	US-2002-0044225 A1	4-18-2002	Rakib, Selim Shlomo	
	A73	US-6,392,664	5-21-2002	White et al.	
	A74	US-2002-0054062	5-9-2002	Gerba et al.	
	A75	US-2002-0057372	5-16-2002	Cavallerano et al.	
	A76	US-6,405,371	06-11-2002	Oosterhout et al.	
	A77	US-2002-0089605	7-11-2002	Min, Ki Tae	
	A78	US-6,441,861	8-27-2002	Vaughan et al.	
	A79	US-6,452,611	9-17-2002	Gerba et al.	
	A80	US-6,456,335	9-24-2002	Miura et al.	
	A81	US-6,456,340	9-24-2002	Margulis, Neal	
	A82	US-2002-0147987 A1	10-10-2002	Reynolds et al.	
	A83	US-6,481,012	11-12-2002	Gordon et al.	
	A84	US-6,492,997	12-10-2002	Gerba et al.	
	A85	US-6,493,036	12-10-2002	Fernandez, Gustavo A.	
	A86	US-6,493,038	12-10-2002	Singh et al.	
	A87	US-6,493,878	12-10-2002	Kassatty, Lord Samuel A.	
	A88	US-2002-0110115 A1	08-15-2002	Gorman et al.	
	A89	US-6,502,242	12-31-2002	Howe et al.	
	A90	US-6,512,551	1-28-2003	Cheney et al.	
	A91	US-6,512,552	1-28-2003	Subramanian, Pattabiraman	
	A92	US-2003-0026416 A1	02-06-2003	Fusco	
	A93	US-2003-0028879 A1	2-6-2003	Gordon et al.	
	A94	US-2003-0030652	2-13-2003	Billmaier et al.	
	A95	US-2003-0035075	2-20-2003	Butler et al.	
KF	A96	US-6,519,283	2-11-2003	Cheney et al.	

Examiner Signature	/Keith Ferguson/	Date Considered	10/11/2006
-----------------------	------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	10/676,418
				Filing Date	September 30, 2003
				First Named Inventor	Phillips, Bruce A.
				Art Unit	2617
				Examiner Name	Ferguson, Keith
Sheet	4	of	8	Attorney Docket Number	020366-091000US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
KF	A87	US-6,526,579	2-25-2003	Sato, Kazuhiro	
	A98	US-6,536,041	3-18-2003	Knudson et al.	
	A99	US-6,538,701	3-25-2003	Yuen, Henry C.	
	A100	US-2003-0056215 A1	3-20-2003	Kanungo et al.	
	A101	US-2003-0067926 A1	04-01-2003	Gerszberg et al.	
	A102	US-6,542,500	4-1-2003	Gerszberg et al.	
	A103	US-6,556,251	4-29-2003	Sorensen, Tom Lee	
	A104	US-6,556,252	4-29-2003	Kim, Dae Joong	
	A105	US-2003-0083533 A1	5-1-2003	Gerba et al.	
	A108	US-6,563,515	5-13-2003	Reynolds et al.	
	A107	US-6,567,106	5-20-2003	Wugofski, Theodore D.	
	A108	US-6,567,984	5-20-2003	Allport, David E.	
	A109	US-6,590,615	7-8-2003	Murakami et al.	
	A110	US-6,593,937	7-15-2003	Ludtke et al.	
	A111	US-6,621,870	9-16-2003	Gordon et al.	
	A112	US-6,628,302	9-30-2003	White et al.	
	A113	US-2003-0184679 A1	10-2-2003	Meehan, Joseph Patric	
	A114	US-2003-0192057 A1	10-9-2003	Gaughan et al.	
	A115	US-6,678,007	1-13-2004	Nason et al.	
	A116	US-6,678,009	1-13-2004	Kahn, Michael	
	A117	US-6,687,374 B2	02-03-2004	Leuca et al.	
	A118	US-2004-0027487	2-12-2004	Rzadzki et al.	
	A119	US-2004-0052578	3-18-2004	Baldino et al.	
	A120	US-6,700,625	3-2-2004	Fujii, Tadashi	
	A121	US-2004-0073941	4-15-2004	Ludvig et al.	
	A122	US-6,727,886	4-27-2004	Mielekamp et al.	
	A123	US-6,727,918	4-27-2004	Nason, D. David	
	A124	US-6,727,960	4-27-2004	Seo, Young-joo	
	A125	US-6,732,373	5-4-2004	Harrison et al.	
KF	A128	US-6,741,617	5-25-2004	Rosengren et al.	
	A127	US-2004-0136373 A1	7-15-2004	Bareis	
KF	A128	US-2004-0150158	8-5-2004	Biegelsen et al.	

Examiner Signature	/Keith Ferguson/	Date Considered	10/11/2006
-----------------------	------------------	--------------------	------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KP	A129	US-6,784,945	8-31-2004	Norworthy et al.	
	A130	US-6,785,906	8-31-2004	Gaughan et al.	
	A131	US-2004-0150518 A1	08-05-2004	Phillips et al.	
	A132	US-2004-0150748 A1	08-05-2004	Phillips et al.	
	A133	US-2004-0150749 A1	08-05-2004	Phillips et al.	
	A134	US-2004-0150751 A1	08-05-2004	Phillips et al.	
	A135	US-2004-0151161 A1	08-05-2004	Casey et al.	
	A136	US-2004-0151168 A1	08-05-2004	Phillips et al.	
	A137	US-2004-0151289 A1	08-05-2004	Phillips et al.	
	A138	US-2004-0151290 A1	08-05-2004	Magarasevic et al.	
	A139	US-2004-0152493 A1	08-05-2004	Phillips et al.	
	A140	US-2004-0153289 A1	08-05-2004	Casey et al.	
	A141	US-2004-0153577 A1	08-05-2004	Phillips et al.	
	A142	US-2004-0153670 A1	08-05-2004	Casey et al.	
	A143	US-2004-0160460 A1	08-19-2004	Casey et al.	
	A144	US-2004-0163125 A1	08-19-2004	Phillips et al.	
	A145	US-2004-0163126 A1	08-19-2004	Phillips et al.	
	A146	US-2004-0163128 A1	08-19-2004	Phillips et al.	
	A147	US-2004-0168199 A1	08-26-2004	Phillips et al.	
	A148	US-2004-0172657 A1	09-02-2004	Phillips et al.	
	A149	US-2004-0176085 A1	09-09-2004	Phillips et al.	
	A150	US-2004-0177163 A1	09-09-2004	Casey et al.	
	A151	US-2004-0181813 A1	9-16-2004	Ota et al.	
	A152	US-2004-0184523 A1	9-23-2004	Dawson et al.	
	A153	US-6,795,506	9-21-2004	Zhng et al.	
	A154	US-6,809,776	10-26-2004	Simpson, Theodore Frederick	
	A155	US-6,833,874	12-21-2004	Ozaki et al.	
	A156	US-6,833,877	12-21-2004	Wang, Cheng-Si	
	A157	US-2004-0252675 A1	12-16-2004	Lund, Arnold M.	
	A158	US-2004-0264687 A1	12-30-2004	Casey et al.	
	A159	US-2005-0018653 A1	01-27-2005	Phillips et al.	
KP	A160	US-2005-0022007 A1	01-27-2005	Phillips et al.	

Examiner Signature	/Keith Ferguson/	Date Considered	10/11/2006
-----------------------	------------------	--------------------	------------

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	10/676,418
				Filing Date	September 30, 2003
				First Named Inventor	Phillips, Bruce A.
				Art Unit	2617
				Examiner Name	Ferguson, Keith
Sheet	6	of	8	Attorney Docket Number	020366-091000US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
KF	A161	US-2005-0027715	2-3-2005	Casey et al.	
	A162	US-2005-0034155	2-10-2005	Gerba et al.	
	A163	US-2005-0041787	2-24-2005	Casey et al.	
	A164	US-6,857,131	2-15-2005	Yagawa et al.	
	A165	US-2005-0048957	3-3-2005	Casey et al.	
	A166	US-2005-0064831	3-24-2005	Feenstra et al.	
	A167	US-2005-0091695	4-28-2005	Paz et al.	
	A168	US-6,882,714 B2	04-19-2005	Mansfield	
	A169	US-6,898,413 B2	05-24-2005	Yip et al.	
	A170	US-6,903,753	6-7-2005	Gray et al.	
	A171	US-2005-0149981	7-7-2005	Augenbraun et al.	
	A172	US-2006-0166232 A1	7-27-2005	Lamkin et al.	
	A173	US-6,924,846	8-2-2005	Ohba et al.	
	A174	US-6,970,127	11-29-2005	Rakib, Selim Shlomo	
	A175	US-6,970,181	11-29-2005	Fadel, Charles K.	
	A176	US-6,975,324	12-13-2005	Valmiki et al.	
	A177	US-7,023,492	4-4-2006	Sullivan, Gary J.	

Examiner Signature	/Keith Ferguson/	Date Considered	10/11/2006
-----------------------	------------------	--------------------	------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	10/676,418
				Filing Date	September 30, 2003
				First Named Inventor	Phillips, Bruce A.
				Art Unit	2617
				Examiner Name	Ferguson, Keith
Sheet	7	of	8	Attorney Docket Number	020366-091000US

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	B1							<input type="checkbox"/>
	B2							<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
KF	C1	Frank, Edward et al., "Connecting The Home With A Phone Line Network Chip Set," IEEE Micro, pp. 2-14, March/April 2000			<input type="checkbox"/>
KF	C2	NextNet Wireless, "NextNet Expedience - NLOS Plug-And-Play Portable Customer Premise Equipment Integrated Radio Modem, Non Line-Of-Sight Broadband Wireless Residential Subscriber Unit (RSU-2510A)," 2 pages, 2003			<input type="checkbox"/>
KF	C3	US Patent Application No. 10/356,364, Office Action dated September 29, 2005, 9 pages			<input type="checkbox"/>
KF	C4	US Patent Application No. 10/356,364, Final Office Action dated April 7, 2006, 9 pages			<input type="checkbox"/>
KF	C5	US Patent Application No. 10/356,688, Office Action dated July 29, 2005, 15 pages			<input type="checkbox"/>
KF	C6	US Patent Application No. 10/356,688, Office Action dated June 19, 2006, 13 pages			<input type="checkbox"/>
KF	C7	US Patent Application No. 10/367,596, Office Action dated September 30, 2005, 9 pages			<input type="checkbox"/>
KF	C8	US Patent Application No. 10/377,281, Office Action dated December 21, 2005, 13 pages			<input type="checkbox"/>

Examiner Signature	/Keith Ferguson/	Date Considered	10/11/2006
-----------------------	------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete If Known	
				Application Number	10/676,418
				Filing Date	September 30, 2003
				First Named Inventor	Phillips, Bruce A.
				Art Unit	2617
				Examiner Name	Ferguson, Keith
Sheet	8	of	8	Attorney Docket Number	020366-091000US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KF	C9	US Patent Application No. 10/377,281, Final Office Action dated May 24, 2006, 10 pages	<input type="checkbox"/>
KF	C10	US Patent Application No. 10/377,282, Office Action dated December 21, 2005, 14 pages	<input type="checkbox"/>
KF	C11	US Patent Application No. 10/377,282, Final Office Action dated May 24, 2006, 15 pages	<input type="checkbox"/>
KF	C12	US Patent Application No. 10/377,283, Office Action dated December 15, 2005, 14 pages	<input type="checkbox"/>
KF	C13	US Patent Application No. 10/377,283, Final Office Action dated May 24, 2006, 11 pages	<input type="checkbox"/>
KF	C14	US Patent Application No. 10/377,290, Office Action dated December 15, 2005, 12 pages	<input type="checkbox"/>
KF	C15	US Patent Application No. 10/377,290, Final Office Action dated May 24, 2006, 10 pages	<input type="checkbox"/>

Examiner Signature	/Keith Ferguson/	Date Considered	10/11/2006
-----------------------	------------------	--------------------	------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.